S
553.28
O1S
OCT 1957

LVED WITH
PERIODICALS

Jun 1977
STATE DOCUMENTS

Montana State Library
3 0864 1005 9680 1

MONTANA OIL AND GAS STATISTICAL BULLETIN

ADMINISTRATORS
JAMES F. NEELY, Exec. Secretary
JOHN B. FLUGSTAD, Petroleum Engr.
JOHN H. RISKEN, Attorney

COMMISSIONERS
D. E. HAGEMAN, Chairman
2304 Spruce Street,
Billings, Montana
J. H. FRERICH, Vice-Chairman
Box 322, Poplar, Montana
E. L. ANDERSON
Box 317,
Cut Bank, Mont.
G. W. YODER
215 E. Morrill
Sidney, Montana
TED HAWLEY
Conrad, Montana

THE OIL AND GAS CONSERVATION COMMISSION

VOL. V. No. 10 McKEE PRINT. October, 1957

Production of crude oil and condensate from the oil and gas areas of Montana for the month of October, 1957, averaged 75,809 barrels daily, a decrease of 1,824 barrels from the average September production of 77,633.

The eleven refineries in the State processed 53,352 barrels of crude oil daily for the month of October, 1957, a decrease of 16,483 barrels daily from the 69,835 barrels processed daily during the month of September, 1957.

During October, 45 wells were completed, 19 oil, 1 gas well and 25 dry holes.

During October, the Commission issued 48 permits to drill new wells an increase of 3 from the 45 permits issued during September.

SUMMARY OF CRUDE OIL PRODUCTION, REFINING STORAGE, ETC., IN MONTANA

MONTH OF OCTOBER, 1957

IN STORAGE OCTOBER 1st:	
By Producers	366,613
By Transporters	742,243
By Refiners	572,043
TOTAL STORAGE	1,680,899
Produced in Montana During Month	2,350,099
Imported During Month	968,420
TOTALS	4,999,418
DISPOSITION:	
Refined in Montana	1,653,921
Exported	1,541,549
Used for Fuel or Lost	14,814
TOTAL	3,210,284
IN STORAGE OCTOBER 31st:	
By Producers	356,329
By Transporters	724,589
By Refiners	709,216
TOTAL STORAGE	1,789,134

NATURAL GAS WITHDRAWALS IN MONTANA

Month of October, 1957

Field	M Cu. Ft.
Bears Den	0
Big Coulee	49,917
Bowdoin	180,322
Bowes	85,438
Box Elder	0
Cabin Creek	1,354
Cedar Creek	453,004
Cut Bank (Including Reagan)	1,485,281
Devon	0
Dry Creek	164,644
Elk Basin	41,904
Flat Coulee	22,540
Golden Dome	3,774
Hardin	7,335
Keith Block	221,041
Kevin-Sunburst	99,169
Pine	129,448
Plevna	18,506
Utopia	61,086
Whitlash	111,743
Miscellaneous	52,636
TOTAL	3,189,142

Total Withdrawal for October 1956 were 2,747,495 M Cu. Ft.

PRODUCER'S REPORT

MONTH OF OCTOBER, 1957

Leases Operated	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped By Pipeline	Oil Shipped By Truck	Used or Lost	Storage End of Month
1	Ash Creek	4	531	3,381	.....	3,378	.....	534
1	Bannatyne	2	.....	459	.....	459	.....	.....
10	Big Wall	26	8,756	24,195	.....	28,757	.....	4,194
6	Blackfoot	9	1,323	9,509	.....	9,098	.....	1,734
4	Border	8	.....	428	.....	428	.....	.....
20	Bowes	87	10,363	29,804	32,385	.....	.....	7,782
1	Bredette	1	1,708	1,021	848	.....	.....	1,881
4	North Bredette	4	2,683	12,124	9,025	2,499	.....	3,283
1	Brorson	2	1,353	2,352	1,781	.....	.....	1,924
	Bynum	....	607	.....	.....	485	8	114
2	Cabin Creek	60	25,229	372,302	374,391	.....	3,053	20,087
29	Cat Creek	83	5,743	13,319	13,175	.....	.....	5,887
1	Clark's Fork	1	287	468	.....	.....	.....	755
2	Clark's Fork, North	2	2,429	14,732	.....	15,162	.....	1,999
2	Cupton	2	1,238	2,169	2,717	.....	2	688
338	Cut Bank	1,128	115,459	197,828	197,762	.....	51	115,474
3	Deer Creek	5	2,910	6,153	6,919	.....	.....	2,144
2	Delphia	2	1,262	4,105	.....	4,641	.....	726
	Devil's Basin	....	529	.....	.....	.....	.....	529
6	Dry Creek	6	932	7,641	7,286	.....	.....	1,287
20	Elk Basin	58	10,986	216,509	215,165	.....	.....	12,330
3	Fertile Prairie	3	1,285	2,036	823	357	.....	2,141
2	Frannie	2	371	3,584	3,505	.....	.....	450
1	Gage	1	849	138	.....	254	.....	733
3	Gas City	12	6,650	26,956	29,096	.....	.....	4,510
6	Glendive	12	8,146	59,846	63,090	.....	.....	4,902
5	Ivanhoe	11	2,973	35,087	.....	32,776	.....	5,284
210	Kevin-Sunburst	1,341	17,267	80,758	82,141	.....	54	15,830
2	Lake Basin	2	639	377	.....	639	.....	377
1	Line Coulee	1	.....	1,649	774	.....	.....	875
1	Little Beaver	7	2,235	17,910	18,787	.....	92	1,266
2	East Little Beaver	2	1,776	1,808	1,371	.....	.....	2,213
5	Melstone	7	3,483	9,708	.....	10,067	.....	3,124
2	Mosser	8	1,331	714	.....	1,669	137	239
6	Outlook Area	6	6,831	31,152	.....	27,839	.....	10,144
11	Pennel	23	6,101	62,906	62,320	.....	.....	6,687
5	Pine	113	22,825	468,910	469,452	.....	1,901	20,382
69	Pondera	318	10,246	48,435	49,532	.....	.....	9,149
11	East Poplar	98	32,235	345,962	349,159	.....	214	28,824
3	Northwest Poplar	4	666	2,338	.....	804	.....	2,200
3	Ragged Point	7	3,882	11,213	.....	13,086	.....	2,009
1	Rattlesnake Butte	1	325	.....	.....	.....	.....	325
4	Reagan	44	2,714	17,717	17,622	.....	.....	2,809
1	Repeat	1	342	413	.....	.....	.....	755
4	Richey	8	4,384	13,109	13,629	.....	.....	3,864
2	Snyder	4	1,581	2,890	.....	3,169	.....	1,302
5	Soap Creek	19	4,646	9,078	.....	5,973	.....	7,751
1	Southwest Richey	2	502	1,214	914	.....	.....	802
20	Sumatra	59	12,075	114,319	105,079	6,100	.....	15,215
4	Sweetgrass Hills	4	1,007	425	.....	716	.....	716
8	Whitlash	27	5,655	8,508	4,574	993	.....	8,596
8	Wolf Springs	20	6,618	49,016	48,905	.....	.....	6,729
2	Woodrow	2	1,381	3,424	3,295	.....	.....	1,510
	Yellowstone	....	1,264	.....	.....	.....	.....	1,264
864		3,659	366,613	2,350,099	2,185,522	169,349	5,512	356,329

Total Oil Produced and Shipped from Leases	Bbles. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1956	21,759,561	59,615	21,585,574	59,139
First Quarter, 1957	6,374,172	71,620	6,318,255	70,992
Second Quarter, 1957	6,725,093	73,902	6,689,645	73,512
Third Quarter, 1957	7,073,949	76,890	7,052,113	76,653
October 31, 1957	2,350,099	75,809	2,354,871	75,963

Oil in Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage*	Total Oil in Storage*
December, 1956	324,681	618,681	768,496	1,711,858
March 31, 1957	342,456	636,795	637,001	1,616,252
June 30, 1957	355,630	655,095	518,984	1,529,709
September 30, 1957	366,613	742,243	572,043	1,680,899
October 31, 1957	356,329	724,589	708,216	1,789,134

*Includes Wyoming Oil.

TRANSPORTERS REPORT

MONTH OF OCTOBER, 1957

	Storage First Of Month	OIL RECEIVED BY			Loss or Gain	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			3,378				3,378		
BANNATYNE—Truck			459			459			
BIG WALL—Truck			28,757			15,870	12,887		
BLACKFOOT—Union Oil Co.			9,098			9,098			
BORDER—Truck			428			428			
BOWES—									
Trigood Oil Co.	5,175	6,050			338		4,767		6,120
The Texas Co.		26,335				26,335			
	5,175	32,385			338	26,335	4,767		6,120
BRORSON—Sun Oil Co.		1,781					1,781		
BYNUM—Truck			485			485			
CABIN CREEK & OTHERS*									
Butte Pipe Line Co.	296,504	889,661		497,433	34		1,395,858		287,706
Shell Pipe Line Corp.	6,221	104,954	357		(175)			104,407	7,300
	302,725	994,615	357	497,433	(141)		1,395,858	104,407	295,006
CAT CREEK—									
Continental Pipe Line Co.	3,743	8,671			34	3,558			9,022
Wm. Hanlon		4,304				4,304			
	3,743	13,175			34	7,862			9,022
CLARK'S FORK—Truck			15,162			2,861	12,301		
CUT BANK—									
Big West Oil Co.		3,396		29,471		32,867			
Darling Gathering System	3,778	12,446				11,635			4,589
Phillips Petroleum Co.	82,531	36,990		6,277	1,647			56,258	67,893
Texas Pipe Line Co.	92,351	48,154		54,557	522	79,437		34,207	80,896
Toronto Pipe Line Co.	33,553	58,878			4			68,730	23,697
Union Oil Co.	121,358	39,586		32,687	413	72,156			121,062
	333,571	199,450		122,992	2,586	196,095		159,195	298,137
DELPHIA—Truck			4,641			4,641			
DRY CREEK—Ohio Oil Co.	7,744	6,287			176	3,728			10,127
ELK BASIN—Ohio Oil Co.		215,165				166,791	43,374		
FRANNIE—Ohio Oil Co.		3,505					3,505		
GAGE—Truck			254			254			
GLENDIVE, DEER CREEK & WOODROW—									
The Texas Pipe Line Co.	9,697	73,784			84		11,204	65,187	7,006
IVANHOE—Truck			32,776			23,719	9,057		
KEVIN-SUNBURST—									
Big West Oil Co.	2,792	38,807				39,042			2,557
Homestake Oil & Gas Co.		3,973			66	3,800			107
The Texas Pipe Line Co.	4,082	36,614		1,205	1,020	36,799			4,082
Anna Aronow	121	1,198						1,205	114
	6,995	80,592		1,205	1,086	79,641		1,205	6,860
LAKE BASIN—Truck			639			639			
MELSTONE—Truck			10,067			10,067			
MOSSER—Truck			1,669			474	1,195		
PONDERA—Phillips Petr. Co.	39,149	49,869		36,203	420	69,424			55,377
POPLAR, BREDETTE, OUTLOOK & LINE COULEE—									
East Poplar Gathering System	13,898	340,742			911			327,839†	25,890
Truck			31,142				31,142		
	13,898	340,742	31,142		911		31,142	327,839	25,890
RAGGED POINT—Truck			13,086			13,086			
REAGAN—Union Oil Co.		17,622				17,622			
SNYDER—Truck			3,169			3,169			
SOAP CREEK—Truck			5,973			5,973			
SUMATRA—									
Powder River Pipe Line	8,810	105,079			526	108,111			5,252
Trucks			6,100				6,100		
	8,810	105,079	6,100		526	108,111	6,100		5,252
SWEETGRASS HILLS—Truck			716			716			
WHITLASH—									
Homestake Oil & Gas Co.	3,304			4,180		4,166			3,318
Western Natural Gas Co.	420	4,574						4,180	814
Truck			993			993			
	3,724	4,574	993	4,180		5,159		4,180	4,132
WOLF SPRINGS—									
Powder River Pipe Line Co.	7,012	48,906			85	54,173			1,660
TOTALS	742,243	2,187,531	169,349	662,013	6,105	826,880	1,541,549	662,013	724,589

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, East Little Beaver, Pennel, Pine, Repeat, Richey, and Southwest Richey Fields.

†Tranferred to Butte Pipe Line Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA

MONTH OF OCTOBER, 1957

Field	Big West Oil Co.	Carter Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Jet Fuel Refinery	Phil. Petr. Co.	The Texas Co.	Texas Calgary Co.	Union Oil Co.	Unity Petr. Co.	Total by Fields
Bannatyne							458					458
Big Wall					16,806							16,806
Blackfoot										8,261		8,261
Bowes				19,321								19,321
Bynum							485					485
Cat Creek			3,214			3,565						6,779
Clark's Fork					3,022							3,022
Cut Bank	32,867						24,493	18,767		74,456		150,583
Delphia						4,845						4,845
Dry Creek					4,132							4,132
Elk Basin		106,475	42,224									148,699
Gage					436							436
Ivanhoe					4,920					18,961		23,881
Kevin-Sunburst	37,223											37,223
Lake Basin					333							333
Melstone					10,426							10,426
Mosser											474	474
Pondera	148						46,069					46,217
Ragged Point					13,613							13,613
Reagan										17,621		17,621
Snyder									368			368
Soap Creek									4,544		1,429	5,973
Sumatra			280		117,209							117,489
Sweetgrass Hills	718											718
Whitlash										992		992
Wolf Springs		43,372										43,372
Total Montana Oil	70,956	149,847	45,718	19,321	170,897	8,410	71,505	18,767	4,912	120,291	1,903	682,527
Canadian Oil Imported										1,929		1,929
Wyoming Oil Imported		613,726			355,367	372						969,465
TOTAL Montana, Canadian and Wyoming Oil	70,956	763,573	45,718	19,321	526,264	8,782	71,505	18,767	4,912	122,220	1,903	1,653,921

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	TOTAL
Year 1956	24,735	239	37,486	62,460
Oct. 1956	23,735	243	32,168	56,146
Oct. 1957	22,017	62	31,273	53,352

PERCENTAGE OF CRUDE OIL REFINED

Montana	Canada	Wyoming
39.60%	.39%	60.01%
42.28%	.43%	57.29%
41.26%	.12%	58.62%